



Big Dutchman®



OptiPress 400 & 780

Reliable liquid-solid separators
for your farm manure

OptiPress: efficiency, reliability, easy maintenance

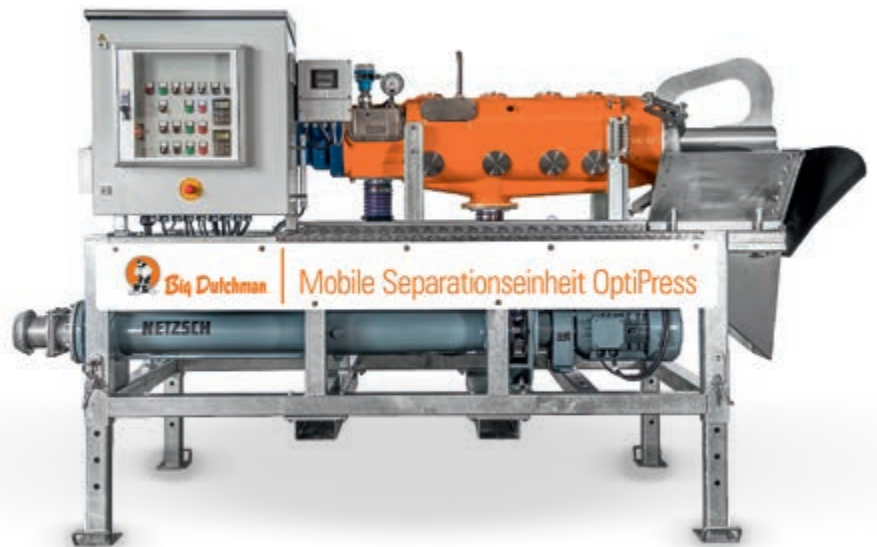
With **OptiPress 400 & 780**, Big Dutchman offers two reliable screw press separators that are supplied as mobile units. They are characterised by high-quality materials, little wear and thus a long service life. OptiPress 400 & 780 separate solids from your substrates quickly and reliably. The separated solids have a dry matter content of 25 to

30 percent. They can be used as a spreadable, valuable fertiliser with low odour emissions or processed further (pellet production). Compared to the input material, the liquid proportion's dry matter content is reduced by half, i.e. it can be used as valuable liquid fertiliser on the fields, allowing fertilisation with its desirable nutrient components.

Storage is also easier because no homogenisation is necessary. Purchasing one of the two separators from Big Dutchman, you buy high-quality technology at an attractive price : performance ratio. Let our experts advise you on how to find the best solution for your individual needs.



OptiPress 400 with a capacity of 8 to 16 m³/h



OptiPress 780 with a capacity of 18 to 45 m³/h

The advantages at a glance

- ✓ two different separators for the individual substrate amount;
- ✓ low energy and operating costs;
- ✓ compact design with small space requirements;
- ✓ ready for connection, including control system and suction and filtrate pump;
- ✓ easy to clean and to maintain without removing the press head;
- ✓ easy to transport to the required location.

How OptiPress works

The substrate is filled into the input area of the separator via a suction pump. A screen basket filters the solid particles and a rotating auger inside the basket transports them into the separator press. Here, the solids are consoli-

dated applying the resistance of a spring flap mechanism. A centrifugal pump conveys the resulting filtrate into the storage area.

Parameter		OptiPress 400	OptiPress 780
Screen basket length	mm	400	780
Drive power	kW / V	2.2 / 400	5.5 / 400
Auger rotation	min ⁻¹	49	28
Capacity	m ³ /h	8 – 16	18 – 45
Screen basket diameter	mm	150	260
Housing material		Stainless steel	Ductile iron



Big Dutchman

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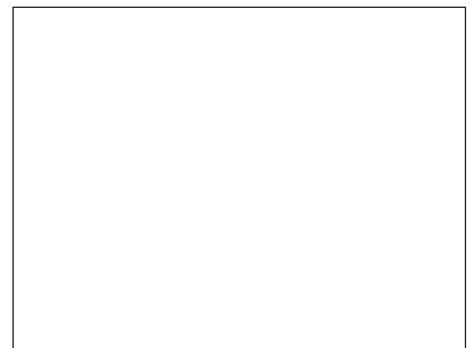
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Technical details subject to change. en 8/2020